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|---|--|---|
| <b>Index of Claims</b><br> | <b>Application/Control No.</b><br>10657453 | <b>Applicant(s)/Patent Under Reexamination</b><br>MATE ET AL. |
|   | <b>Examiner</b><br>GIRUMSEW WENDMAGEGN     | <b>Art Unit</b><br>2621                                       |

|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            |            |            |            |            |            |            |  | <input type="checkbox"/> CPA |  | <input type="checkbox"/> T.D. |  | <input type="checkbox"/> R.1.47 |  |
|---|----------|------------|------------|------------|------------|------------|------------|------------|--|------------------------------|--|-------------------------------|--|---------------------------------|--|
| CLAIM   |          | DATE       |            |            |            |            |            |            |  |                              |  |                               |  |                                 |  |
| Final   | Original | 09/28/2007 | 02/07/2008 | 08/25/2008 | 02/28/2009 | 10/24/2009 | 03/13/2010 | 10/25/2010 |  |                              |  |                               |  |                                 |  |
| 1   | 1        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 2   | 2        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 3   | 3        | O          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 4   | 4        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 5   | 5        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 6   | 6        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 7   | 7        | ✓          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 8   | 8        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 9   | 9        | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 10  | 10       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 11  | 11       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 12  | 12       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 13  | 13       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| -   | 14       | ✓          | ✓          | ✓          | -          | -          | -          | -          |  |                              |  |                               |  |                                 |  |
| -   | 15       | ✓          | ✓          | ✓          | -          | -          | -          | -          |  |                              |  |                               |  |                                 |  |
| 14  | 16       | ✓          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 15  | 17       | ✓          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| -   | 18       | ✓          | ✓          | ✓          | -          | -          | -          | -          |  |                              |  |                               |  |                                 |  |
| 16  | 19       | O          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 17  | 20       | O          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 18  | 21       | ✓          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 19  | 22       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 20  | 23       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 21  | 24       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 22  | 25       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 23  | 26       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 24  | 27       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 25  | 28       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 26  | 29       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 27  | 30       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 28  | 31       | ✓          | O          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| -   | 32       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 33       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 34       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 35       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 36       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |

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| -   | 37       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 38       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 39       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 40       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 41       | ✓          | O          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| -   | 42       | ✓          | ✓          | ✓          | ✓          | ✓          | ✓          | -          |  |                              |  |                               |  |                                 |  |
| 29  | 43       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 30  | 44       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 31  | 45       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |
| 32  | 46       | ✓          | ✓          | ✓          | ✓          | ✓          | =          | =          |  |                              |  |                               |  |                                 |  |